

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

17302 U.S. PTO
10/684-146
101003

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonapplications under 37C.F.R. §1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

| | |
|--|---|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 85] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure </p> <p>4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total sheets _____]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration [Total pages 3] <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR §1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). </p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <p>a. <input type="checkbox"/> Computer Readable Copy (CRF)</p> <p>b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies) ii. <input type="checkbox"/> Paper </p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p> |
| ACCOMPANYING APPLICATION PARTS | |
| <p>9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input checked="" type="checkbox"/> Power of Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other:</p> | |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37CFR 1.76.

 Continuation Divisional Continuation-in-part (CIP) of prior application No. 10/317,720
Prior application information: Examiner Zinna Northington DavisGroup/Art Unit: 1625

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts

19. CORRESPONDENCE ADDRESS

| | | | |
|---|-------------------------|--|----------------------|
| <input checked="" type="checkbox"/> Customer Number | 28523 | or <input type="checkbox"/> Correspondence address below | |
| Name | | | |
| Address | | | |
| City | State | Zip Code | |
| Country | Telephone | Fax | |
| NAME (Print/Type) | Arlene K. Musser | Registration No. (Attorney/Agent) | 37,895 |
| Signature | <u>Arlene K. Musser</u> | | Date <u>10/10/03</u> |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

EXPRESS MAIL NO. EV 398059920 US

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small status. See 37 CFR 1.27**Total Amount of Payment**

\$1828

METHOD OF PAYMENT (check all that apply)
 Check Credit Card Money Other None
 Order
 Deposit Account:

| | |
|------------------------|------------|
| Deposit Account Number | 16-1445 |
| Deposit Account Name | Pfizer Inc |

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE****Large Entity Small Entity**

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------------------|----------|----------|----------|--------------------|----------|
| 1001 | 770 | 2001 | 385 | Utility filing fee | 770 |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2203 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | filng fee | |
| Subtotal (1)s | | | | \$ 770 | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | Extra Claims | Fee from below | Fee Paid |
|--------------------|----------------|----------------|----------|
| Total Claims | 31 - 20** = 11 | x 18 = 198 | |
| Independent Claims | 13 - 3 = 10 | x 86 = 860 | |
| Multiple Dependent | | | |

| Large Entity | Small Entity | Fee Description |
|-------------------|--------------|---|
| Fee Code | Fee (\$) | Fee Description |
| 1202 | 18 | 2202 9 Claims in excess of 20 |
| 1201 | 86 | 2201 43 Independent claims in excess of 3 |
| 1203 | 290 | 2203 145 Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 43 **Reissue independent claims over original patent |
| 1205 | 18 | 2205 9 **Reissue independent claims over original patent |
| (\\$) 1058 | | |

*or number previously paid, if greater; For Reissues, see above

| Complete if Known | | | | | | |
|-----------------------------------|----------|--------------|---------------------|--|--------------|--|
| Application Number | | | Not Yet Assigned | | | |
| Filing Date | | | Herewith | | | |
| First Named Inventor | | | Robert L. Dow | | | |
| Examiner Name | | | | | | |
| Art Unit | | | | | | |
| Attorney Docket No. | | | PC10776C | | | |
| FEE CALCULATION (continued) | | | | | | |
| 3. ADDITIONAL FEES | | | | | | |
| Large Entity | | Small Entity | | | | |
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid | |
| 1051 | 130 | 2051 | 65 | Surcharge – late fee or oath | | |
| 1052 | 50 | 2052 | 25 | Surcharge–late filing fee or cover sheet | | |
| 1053 | 130 | 1053 | 130 | Non-English specification | | |
| 1812 | 2,520 | 1812 | 2,520 | Filing a request for Ex Parte reexamination | | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | | |
| 1452 | 110 | 2452 | 55 | Petition to revive unavoidable | | |
| 1453 | 1,330 | 2453 | 665 | Petition to revive – unintentional | | |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | | |
| 1502 | 480 | 2502 | 240 | Design issue fee | | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | | |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | | |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | | |
| Other Fee (specify) | | | | | | |
| *Reduced by Basic Filing Fee Paid | | | Subtotal (3) | | (\\$) | |

| SUBMITTED BY | | | | | |
|---------------------|-------------------------|------------------|--------|-----------|--------------|
| Name (Printed/Type) | Arlene K. Musser | Registration No. | 37,895 | Telephone | 860-715-0871 |
| Signature | <i>Arlene K. Musser</i> | | | | |

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-pto-9199 and select option 2.

EXPRESS MAIL NO. EVA28059920 US

16523
11003

U.S.P.T.O.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Complete if Known

| | |
|----------------------|------------------|
| Application Number | Not Yet Assigned |
| Filing Date | Hereswith |
| First Named Inventor | Robert L. Dow |
| Examiner Name | |

 Applicant claims small status. See 37 CFR 1.27

Art Unit

Total Amount of Payment

\$1828

Attorney Docket No.

PC10776C

METHOD OF PAYMENT (check all that apply) Check Credit Card Money Other None Order**FEE CALCULATION (continued)** Deposit Account:

| | |
|------------------------|------------|
| Deposit Account Number | 16-1445 |
| Deposit Account Name | Pfizer Inc |

The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments Charge any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

| 3. ADDITIONAL FEES | | Fee Description | | Fee Paid | |
|--------------------|--------------|---------------------|----------|----------|----------|
| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Code | Fee (\$) |
| | | 1051 | 130 | 2051 | 65 |
| | | 1052 | 50 | 2052 | 25 |
| | | 1053 | 130 | 1053 | 130 |
| | | 1812 | 2,520 | 1812 | 2,520 |
| | | 1804 | 920* | 1804 | 920* |
| | | 1805 | 1,840* | 1805 | 1,840* |
| | | 1251 | 110 | 2251 | 55 |
| | | 1252 | 420 | 2252 | 210 |
| | | 1253 | 950 | 2253 | 475 |
| | | 1254 | 1,480 | 2254 | 740 |
| | | 1255 | 2,010 | 2255 | 1,005 |
| | | 1401 | 330 | 2401 | 165 |
| | | 1402 | 330 | 2402 | 165 |
| | | 1403 | 290 | 2403 | 145 |
| | | 1451 | 1,510 | 1451 | 1,510 |
| | | 1452 | 110 | 2452 | 55 |
| | | 1453 | 1,330 | 2453 | 665 |
| | | 1501 | 1,330 | 2501 | 665 |
| | | 1502 | 480 | 2502 | 240 |
| | | 1503 | 640 | 2503 | 320 |
| | | 1460 | 130 | 1460 | 130 |
| | | 1807 | 50 | 1807 | 50 |
| | | 1806 | 180 | 1806 | 180 |
| | | 8021 | 40 | 8021 | 40 |
| | | 1809 | 770 | 2809 | 385 |
| | | 1810 | 770 | 2810 | 385 |
| | | 1801 | 770 | 2801 | 385 |
| | | 1802 | 900 | 1802 | 900 |
| | | Other Fee (specify) | | | |

FEE CALCULATION**1. BASIC FILING FEE****Large Entity** **Small Entity**

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|---------------|----------|----------|----------|--------------------|----------|
| 1001 | 770 | 2001 | 385 | Utility filing fee | 770 |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2203 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | filng fee | |
| Subtotal (1)s | | \$ 770 | | | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Extra Claims | Fee from below | Fee Paid |
|--------------------------------|----------------|----------|
| Total Claims 31 - 20** = 11 | x 18 = 198 | |
| Independent Claims 13 - 3 = 10 | x 86 = 860 | |
| Multiple Dependent | = | |

Large Entity **Small Entity**

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|---|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 | 43 | **Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | **Reissue independent claims over original patent |
| (\$ 1058 | | | | |

*Reduced by Basic Filing Fee Paid

Subtotal (3) (\$)

SUBMITTED BY

(Complete if applicable)

| | | | | | |
|---------------------|------------------|------------------|--------|-----------|--------------|
| Name (Printed/Type) | Arlene K. Musser | Registration No. | 37,895 | Telephone | 860-715-0871 |
| Signature | Arlene K. Musser | | | | |

Warning: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and /or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

EXPRESS MAIL NO. EVA 398059920 US

If you need assistance in completing the form, call 1-800-pto-9199 and select option 2.